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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/745,958	12/21/2000	Rudolf Pieter Koppe	PHN 17,867	2128

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EXAMINER

HERNANDEZ, NELSON D

ART UNIT PAPER NUMBER

2612

DATE MAILED: 06/08/2004

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Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/745,958

Applicant(s)

KOPPE, RUDOLF PIETER

Examiner

Nelson D. Hernandez

Art Unit

2612

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 December 2000 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 5.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

## DETAILED ACTION

### *Drawings*

1. New corrected drawings are required in this application because the use of abbreviations for naming the elements in the invention makes difficult to understand of the disclosed invention, the name of the elements (boxes) in the figures should have a label with the entire name of the respective element. Applicant is advised to employ the services of a competent patent draftsman outside the Office, as the U.S. Patent and Trademark Office no longer prepares new drawings. The corrected drawings are required in reply to the Office action to avoid abandonment of the application. The requirement for corrected drawings will not be held in abeyance.

2. The drawings are objected to under 37 CFR 1.83(a) because they fail to show the following as described in the specification: in fig. 2, the converting unit referred as "cu2" in the specifications (page 2, line 25). Any structural detail that is essential for a proper understanding of the disclosed invention should be shown in the drawing. MPEP § 608.02(d). A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

### *Specification*

3. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The

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abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

4. The disclosure is objected to because of the following informalities:
  - a. In page 1, line 23, the word "sink" must be written as "synchronization" or "sync".
  - b. In page 2, line 23, "RY" must be written as "R-Y".

Appropriate correction is required.

#### ***Claim Objections***

5. Claim 1 objected to because of the following informalities: in line 5, the phrase "for switching the base station" must be written as "for switching the transmission mode at the base station" so as to refer to the transmission mode as described in the specification. Appropriate correction is required.
6. Claim 3 objected to because of the following informalities: in line 13, the word "sink" must be written as "synchronization" or "sync". Appropriate correction is required.

#### ***Claim Rejections - 35 USC § 103***

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claims 1, 2, 4 and 5 rejected under 35 U.S.C. 103(a) as being unpatentable over Baumeister, Patent 4,660,073.

Regarding claim 1, Baumeister discloses a video apparatus (Fig. 3) for selectively processing different transmission modes, wherein said video apparatus comprises transmission means (Fig. 3: 30 and 3: 32) for transmission of the recorded information and base station (television receiver in fig. 3: 10) for receiving the recorded information and handling this received information, characterized in that the base station comprises a detection unit (Fig. 3: 34) for detecting which of at least two different transmitting modes is used by the camera and a switching unit (switches  $S_1$ ,  $S_2$ ,  $S_3$ ,  $S_4$ , and  $S_{CK}$  in fig. 3) for switching the transmission mode at the base station in response to the detected transmission mode (Col. 2, line 48 – col. 3, line 60; col. 4, lines 17-43; col. 5, lines 30-39), but does not explicitly teaches the camera system comprising at least one camera for recording information.

However, Baumeister teaches the use of video cameras for recording information and transmitting said recorded information to a television receiver known as a prior art (Col. 1, lines 15-25).

Therefore, it would have been obvious to one of ordinary skilled in the art to use a video camera to transmit recorded information to the video apparatus taught by Baumeister. The motivation to do so would allow the system to receive image data from different cameras having different transmission modes connected to the same ~~the same~~ channels, reducing the necessity of separate channels for the different transmission modes as taught by Baumeister.

Regarding claim 2, Baumeister discloses that the detection unit detects between RGB and the Y, R-Y, B-Y transmission mode (Col. 3, lines 2-35).

Regarding claim 4, Baumeister substantially discloses the same in claim 1. Therefore, grounds for rejecting claim 1 apply here.

Regarding claim 5, Baumeister substantially discloses the same in claim 1. Therefore, grounds for rejecting claim 1 apply here.

9. Claim 3 rejected under 35 U.S.C. 103(a) as being unpatentable over Baumeister, Patent 4,660,073 in view of Miyamoto, Patent 5,216,496.

Regarding claim 3, Baumeister does not explicitly teach that the camera transmits information either with a transmission mode having a first mode with a G signal with H synchronization signal or a second mode with Y video with composite synchronization.

However, Miyamoto teaches a digital color television camera apparatus for selectively outputting components (RBG) or composite signals wherein a synchronizing signal mixer (Fig. 5: 17) outputs the RGB and composite signals having synchronization signals, also a blanking mixer (Fig. 5; 33) is used for outputting the components signal with blanking data (Col. 9, line 43 – col. 10, line 9). Blanking signal, also known as composite blanking signal has both horizontal and vertical components.

Therefore, taking the combined teaching of Baumeister in view of Miyamoto as a whole, it would have been obvious to one of ordinary skilled in the art to use a camera that transmits information with a transmission mode having a first mode with G signal (taught as RGB signals) having horizontal and vertical synchronization signals or a second mode with Y video with composite synchronization. The motivation to do so

would help the video apparatus to process the information recorded by the camera accurately by obtaining the exact relationship among corresponding significant instants of the input color signals.

**Contact**


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nelson D. Hernandez whose telephone number is (703) 305-8717. The examiner can normally be reached on 8:30 A.M. to 6:00 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wendy R. Garber can be reached on (703) 305-4929. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Nelson D. Hernandez  
Examiner  
Art Unit 2612

NDHH  
May 18, 2004

  
NGOC-YEN VU  
PRIMARY EXAMINER